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| Substitute Form PTO-1449<br>U.S. Department of Commerce<br>Patent and Trademark Office<br>Information Disclosure Statement<br>by Applicant<br>(Use several sheets if necessary)<br>(37 CFR §1.98(b))<br>AUG 11 2003<br>PATENT & TRADEMARK OFFICE | Attorney's Docket No.<br>10360-090001 | Application No.<br>10/023,281 |
|  | Applicant<br>Geping Chen              |                               |
|  | Filing Date<br>December 13, 2001      | Group Art Unit<br>2661        |




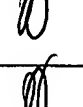

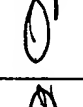



## U.S. Patent Documents

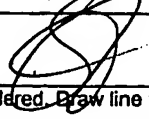
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
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|                  | AA        |                 |                  |          |       |          |                            |

## Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AB        |                 |                  |                          |       |          |             |    |

## Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial  | Desig. ID | Document  |
|---|-----------|---|
|    | AC        | Causey, Jeffrey W. "Comparison of Buffer Allocation Schemes in ATM Switches: Complete Sharing, Partial Sharing, and Dedicated Allocation." <i>In the Proceedings of the 1994 IEEE International Conference on Communications (ICC '94)</i> . New Orleans, LA: May 1-5, 1994.                        |
|  | AD        | Chang, Chung G. and Harry H. Tan. "Queueing Analysis of Explicit Policy Assignment Push-Out Buffer Sharing Schemes for ATM Networks." <i>In Proceedings of the 1994 Conference on Computer Communications (IEEE Infocom '94)</i> . Toronto, Ontario, Canada: June 12-16, 1994.                      |
|  | AE        | Chao, H. Jonathan and Hsiling Cheng. "A New QOS-Guaranteed Cell Discarding Strategy: Self-Calibrating Pushout." <i>1994 IEEE Globecom</i> . San Francisco, CA: November 28-December 2, 1994.  |
|  | AF        | Chao, H. Jonathan and I. Hakan Pekcan. "Queue Management with Multiple Delay and Loss Priorities for ATM Switches." <i>1994 IEEE International Conference on Communications (ICC '94)</i> . New Orleans, LA: May 1-5, 1994.   |
|  | AG        | Chen, Geping, and Ionnis Stavrakakis. "ATM Traffic Management With Diversified Loss and Delay Requirements."  |
|  | AH        | Cheng, Xian. "A Finite Buffer Two Class Queue with Different Scheduling and Push-Out Schemes." <i>In Proceedings of the Eleventh Annual Joint Conference of the IEEE Computer and Communications Societies (IEEE Infocomm '92)</i> . Florence, Italy: 1992.   |
|  | AI        | Chipalkatti, Renu, et al. "Scheduling Policies for Real-Time and Non-Real-Time Traffic in a Statistical Multiplexer." <i>In Proceedings Volume III of IEEE Infocomm '89 (The Conference on Computer Communications)</i> . Ottawa, Ontario, Canada: April, 1989.                                     |
|  | AJ        | Demers, Alan. "Analysis and Simulation of a Fair Queueing Algorithm." <i>ACM</i> , 1989.  |
|  | AK        | Elwalid, Anwar and Debasis Mitra. "Fluid Models for the Analysis and Design of Statistical Multiplexing With Loss Priorities on Multiple Classes of Bursty Traffic." <i>In Vol. 1 of the Proceedings of IEEE Infocomm '92, (The Conference on Computer Communications)</i> . Florence, Italy: 1992. |

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
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|------------------|-----------|--|
|                  | AL        | Ferrari, Domenico and Dinesh C. Verma. "A Scheme for Real-Time Channel Establishment in Wide-Area Networks." <i>IEEE Journal on Selected Areas of Communications</i> , Vol. 8, No. 3: 368-379; April, 1990.  |
|                  | AM        | Georgiadis, Leonidas, et al "Optimal Multiplexing on a Single Link: Delay and Buffer Requirements." In <i>Proceedings Vol. 2 of IEEE Infocom '94 (The Conference on Computer Communications)</i> . Toronto, Ontario, Canada: June 12-16, 1994.                                   |
|                  | AN        | Golestani, S. Jamaloddin. "A Self-Clocked Fair Queueing Scheme for Broadband Applications." <i>IEEE</i> , 1994.  |
|                  | AO        | Hyman, Jay M, et al. "Real-Time Scheduling with Quality of Service Constraints." <i>Selected Areas in Communications</i> , Vol. 9, No. 7: 1052-1063; September, 1991.  |
|                  | AP        | Kalmanek, C.R. and H. Kanakia. "Rate Controlled Servers for Very High-Speed Networks." <i>IEEE</i> , 1990.   |
|                  | AQ        | Kroner, Hans. "Comparative Performance Study of Space Priority Mechanisms for ATM Networks." <i>IEEE</i> , 1990.   |
|                  | AR        | Landry, Randall. "Queueing Study of a 3-Priority Policy with Distinct Service Strategies." <i>IEEE</i> , 1993.   |
|                  | AS        | Lee, Duan-Shin and Bhaskar Sengupta. "Queueing Analysis of a Threshold Based Priority Scheme For ATM Networks." <i>IEEE</i> , 1993.  |
|                  | AT        | Lim, Youngho and John E. Kobza. "Analysis of a Delay-Dependent Priority Discipline in an Integrated Multiclass Traffic Fast Packet Switch." <i>IEEE Transactions on Communications</i> , Vol. 38, No. 5: 659-665; May, 1990.   |
|                  | AU        | Lin, Arthur Y.-M. and John A. Silvester. "Priority Queueing Strategies and Buffer Allocation Protocols for Traffic Control at an ATM Integrated Broadband Switching System." <i>IEEE Journal on Selected Areas in Communications</i> . Vol. 9, No. 9: 1524-1536; December, 1991. |
|                  | AV        | Liu, C.L. "Scheduling Algorithms for Multiprogramming in a Hard-Real-Time Environment." <i>Journal of the Association for Computing Machinery</i> , Vol. 20, No. 1: 46-61; January, 1973.  |
|                  | AW        | Panwar, Shivendra S., et al. "Optimal Scheduling Policies for a Class of Queues with Customer Deadlines to the Beginning of Service." <i>Journal of the Association for Computing Machinery</i> , Vol. 35, No. 4: 832-844; October, 1988.  |
|                  | AX        | Parekh, Abhay K. and Robert G. Gallager. "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Single-Node Case." <i>IEEE</i> , 1993.   |
|                  | AY        | Petr, David W. and Victor S. Frost. "Nested Threshold Cell Discarding for ATM Overload Control: Optimization Under Cell Loss Constraints." <i>IEEE</i> , 1991.   |
|                  | AZ        | Saito, Hiroshi. "Optimal Queueing Discipline for Real-Time Traffic at ATM Switching Nodes." <i>IEEE</i> , 1990.  |
|                  | AAA       | Stavarakakis, Ionnis. "Delay Bounds on a Queueing System with Consistent Priorities."  |

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|---|-----------|---|
|  | ABB       | Suri, S. and D. Tipper. "A Comparative Evaluation Of Space Priority Strategies in ATM Networks." <i>Proceedings Volume 2 of the IEEE Infocomm '94 (The Conference on Computer Communications)</i> . Toronto, Ontario, Canada: June 12-16, 1994.                 |
|  | ACC       | Takagi, Yasushi, et al. "Priority Assignment Control of ATM Line Buffers with Multiple QOS Classes." <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 9, No. 7: 1078-1092; September, 1991.   |
|  | ADD       | Yegani, Parviz. "Performance Models for ATM Switching of Mixed Continuous-Bit-Rate and Bursty Traffic with Threshold-Based Discarding." <i>The Conference Record of the Supercomm/International Conference on Communications '92</i> . Vol. 3: 1621-1627; 1992. |
|  | AEE       | Zhang, Hui and Srinivasan Keshav. "Comparison of Rate-Based Service Disciplines." <i>Proceedings of ACM SIGCOMM '91</i> .   |
|  | AFF       | Zhang, Lixia. "VirtualClock: A New Traffic Control Algorithm for Packet Switching Networks." Pp. 19-29. <i>XEROX Palo Alto Research Center</i> . Palo Alto, CA.   |

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